

Material Safety Data Sheet

CHEMTREK: 1-800-424-9300

MANUFACTURER/DISTRIBUTOR (618) 624-5522 VIGORO INDUSTRIES, INC. 2007 W. HIGHWAY 50 FAIRVIEW HEIGHTS, IL 62208	ISSUE DATE Revised January 1, 1988	IDENTIFICATION # KCI-1-1-86
CHEMICAL NAME OR SYNONYM Potassium Chloride	TRADE NAME OR SYNONYM VIGORO / ALL AMERICAN ICE MELT AND TRACTION AID	
CHEMICAL FAMILY Salt	FORMULA KCI	CAS # 7447-40-7

SECTION 1 • INGREDIENTS

CHEMICAL NAME	CAS #	% BY WEIGHT	ACGIH-TLV*
1. Potassium Chloride	7447-40-7	98.6 - 98.8	10 mg/m ³
*NOTE: Dust From This Product Is Considered "Nuisance" Dust.			

SECTION 2 • PHYSICAL DATA

MATERIAL IS: <input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Other	APPEARANCE AND ODOR: White Crystalline or Granulated Solid—No Odor.	
MELTING POINT: 1423°F BOILING POINT: 2732°F	SPECIFIC GRAVITY (H ₂ O = 1): 1.988	pH: Not Applicable
VAPOR PRESSURE: Not Applicable VAPOR DENSITY: Not Applicable	SOLUBILITY IN WATER: 25% By Weight. 276 gpl @0°C.	EVAPORATION RATE: Not Applicable VOLATILITY BY VOLUME: Not Applicable

SECTION 3 • FIRE, EXPLOSION AND REACTIVITY DATA

FLASH POINT: Not Applicable	FLAMMABLE: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	EXTINGUISHING MEDIA: Not Applicable	FLAMMABLE LIMITS: LEL: Not Applicable UEL: Not Applicable
METHOD USED: Not Applicable	SPECIAL FIRE FIGHTING EQUIPMENT: Not Applicable		
STABILITY: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable	
HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable		HAZARDOUS POLYMERIZATION: Not Applicable	
INCOMPATIBILITY: Avoid Contact With Strong Acids. Mildly Corrosive to Metals in the Presence of Moisture.			

SECTION 4 • HEALTH HAZARD INFORMATION

EYE CONTACT:	May Cause Temporary Eye Irritation.
SKIN CONTACT:	May Cause Skin Irritation to Susceptible Persons.
INGESTION:	Negligible Risk.
INHALATION:	Dust May Be Irritating to Mucous Membranes.
TOXICITY DATA:	LD ₅₀ Oral – (Rat) 2430 mg/kg.

SECTION 5 • EMERGENCY MEDICAL PROCEDURES

EYE CONTACT:	Wash With Running Water.
SKIN CONTACT:	Flush With Water.
INGESTION:	Drink Water. Do Not Induce Vomiting.
INHALATION:	Remove From Exposure.

SECTION 6 • PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION:	Safety Glasses or Goggles.
PROTECTIVE CLOTHING:	None Normally Required. Gloves Recommended.
RESPIRATORY PROTECTION:	Dust Mask or Respirator Recommended in Dusty Situations.
VENTILATION:	Local Exhaust as Necessary to Maintain Low Dust Levels.

SECTION 7 • SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILL OR LEAK PROCEDURE:

Sweep Up Dry and Place in a Suitable Container. Wash Area With Water.

WASTE DISPOSAL:

Sanitary Landfill. Dispose in Compliance with Local Regulations.

SECTION 8 • SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

Store Material in a Dry Location Remote From Strong Acids.

The information in this MSDS was obtained from sources which we believe are accurate and reliable. However, this information is provided without any representation or warranty, express or implied, regarding the accuracy or correctness, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.